

WinSALTS

The Windows Version of the SALTS Program

Information on INMARSAT-M

SALTS CENTRAL

Naval Inventory Control Point
Code P-04E (SALTS)
700 Robbins Avenue
Philadelphia, PA 19111
Phone: (215) 697-1112
DSN: 442-1112
Email: help@salts.navy.mil

Detachment Offices

Norfolk

Phone: (757) 836-3091
DSN: 836-3091
Email: norfolk@salts.navy.mil

San Diego

Phone: (619) 556-0633
DSN: 526-0633
Email: sandiego@salts.navy.mil

Pearl Harbor

Phone: (808) 473-7526
DSN: 473-7526
Email: pearl@salts.navy.mil

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What Is INMARSAT-M?

INMARSAT-M is a digital service that provides satellite voice communications at 6.4 kilobits per second (KBPS), and fax and data transmissions at 2.4 KBPS. INMARSAT-M units are about the size of a brief case or laptop. Maritime and land portable terminals are available for INMARSAT-B service.

Hardware Setup

- 1.) Connect the female, 9-pin end of an RS-232 serial cable to an available COM port on the WinSALTS computer (usually COM1).
- 2.) Connect the other end of the RS-232 serial cable to the INMARSAT-M unit's Data Port.
- 3.) Setup and power-up the INMARSAT unit, and log on to a satellite as instructed by the unit's User's Manual.

WinSALTS Setup

- 1.) Power-up the WinSALTS computer.
- 2.) In WinSALTS:
 - a) select System
 - b) select Modem Settings
 - c) set the appropriate COM port (usually COM1)
 - d) set the BAUD Rate to 9600

Note: Even the INMARSAT-M only communicates at 2.4 KBPS, set the BAUD Rate to 9600.

- e) set the Modem Type to HAYES 9600
 - f) set Tone dialing
 - g) click the Done button
- 3.) In WinSALTS:
 - a) select System
 - b) select SALTS Phone No
 - c) click the Add button to create a new INMARSAT-M phone entry
 - d) in the Description box, type: INMARSAT-M
 - e) in the Phone Number box, type: 001-215-697-9020#
 - f) set the Call Type to INMARSAT
 - g) click the Done button

Important Note: The 9020 extension in the modem number above connects to a high-speed modem bank. If you have difficulties establishing a connection to this modem bank, try extension 1107 or 1108.

WinSALTS Transmissions

Once the INMARSAT-M terminal and WinSALTS have been properly configured, you should be ready to connect to the SALTS host.

In WinSALTS:

- 1.) select Connect
- 2.) select By Telephone
- 3.) select the INMARSAT-M phone number entry you created in step #3 above
- 4.) click the Connect button